

## TheNetworkHypothesis

A working hypothesis that says that the distributions that are from network-related things are power laws; other stuff tends to be LogNormal.

This could be called the graph hypothesis instead.

Of course this is a gross stereotyping of many kinds of distributions and systems but I think there might be something here... Moreover 'network-related' needs a good definition.

For example, the distribution of file sizes on a computer is a LogNormal distribution (see `LegoNickHardDiskFileSizes`), and there is nothing particularly 'networky' about file sizes. However the number of child directories per directory (see `LegoNickNumDirectoryChildren`), which corresponds to the out-degree distribution of nodes in the directory tree, and hence is 'network-related', follows a power law.

-NickChapman

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